



VLRM  
MARKETS

2024

UNLOCKING CAPITAL  
CREATING VALUE



**EXCHANGE, CSD  
& RWA MARKETS**



# DISCLAIMER

This presentation is intended solely for informational purposes and is not an offer or solicitation to buy or sell securities. Valereum Plc and its representatives are not providing, and do not offer, investment, legal, or tax advice. Investors should consult with their own advisors before making any investment decisions.

Past performance is not indicative of future results. The value of investments can fluctuate and may result in losses. Investing in securities involves risks, including the potential loss of principal. Valereum Plc does not guarantee the accuracy or completeness of any information provided in this presentation.

The information contained herein may include forward-looking statements, which are subject to risks and uncertainties. Actual results may differ materially from those expressed or implied in such statements. Valereum Plc undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise.

Investors should conduct their own due diligence and carefully consider their investment objectives, risk tolerance, and financial situation before investing. Any reliance on the information provided in this presentation is at the investor's own risk.

By accessing this presentation, investors acknowledge that they have read, understood, and agree to be bound by this disclaimer. They further acknowledge that they are responsible for compliance with any applicable laws and regulations in their jurisdiction.



- **Exchanges (Public)** - VLRM Markets will open and operate a licensed and regulated stock exchange and CSD for the issuance and trading of tokenised securities and digital assets (using VLRM Technology)
- **RWA** - VLRM Markets will also establish and operate Real World Asset marketplaces utilising readily available technology solutions supplied by VLRM Technology to enable the primary issuance and bulletin board based secondary trading of tokenised assets, including investment funds; private companies; gold; art; luxury goods; royalties

**VLRM IS READY TO LEAD THE TOKENISATION REVOLUTION**



WHY NOW?



## London Stock Exchange

*The London Exchange Group is planning to roll out a blockchain-based offering as part of its digital business plans. The group said this would make it the first major exchange to host traditional trading on the digital asset platform, which to date has underpinned crypto trades.*

**Financial Times 4 September 2023**



*"Tokenization of global illiquid assets estimated to be between \$16 and \$68 trillion business opportunity by 2030"*

**Boston Consulting Group**



*"In the exchange space, there is growing momentum toward becoming more "digital". The holy grail would be to achieve full automation throughout the stack with tokenization using blockchain technology, thereby removing the high cost messaging and reconciliation dynamics of the industry. This could also enhance the potential for accelerated and integrated settlement and be the primer for a new wave of product and services innovation".*

**Accenture Capital Markets Vision 2025**



*"I believe the next generation for markets, the next generation for securities, will be tokenisation of securities"*

**Click Here: [Blackrock CEO Larry Fink](#)**

**2024 SIGNALS THE START OF MAINSTREAM TOKENISATION**

# TOKENISATION - GLOBAL ADOPTION



**World Economic Forum:** May 2021 the WEF released a report titled Digital Assets, Distributed Ledger Technology, and the Future of Capital Markets. The report underlines how DLT can **positively impact costs, market liquidity and balance sheet capacity** while **reducing the complexity, opacity and fragmentation of capital markets**.

**SEC:** February 2023 the SEC adopted the amendment of the settlement cycle from T+2 to T+1 (effective May 2024) and identified the move to T+1 was the **first step to a T+0 (instant) settlement cycle**.

**Central Banks:** May 2023 the **Bank for International Settlements** released a paper titled Central bank digital currencies: ongoing policy perspectives. A group of central banks including the European Central Bank (ECB), Bank of England and Bank of Japan, are working together to explore **central bank digital currencies (CBDCs)** which are expected to have the same legal status as traditional money. Additionally, the central banks of **China** and **India** are proceeding with their own digital currency projects.

## THE INNOVATION OF FINANCIAL MARKETS VIA TOKENISATION IS A GLOBAL PHENOMENON

**EU Digital Innovation:** March 2023 the **EU** brought into law a Pilot Regime for market infrastructures based on distributed ledger technology (DLT). The EU is preparing and embracing for the digital revolution in the financial sector to allow innovation to flourish while preserving financial stability and protecting investors.

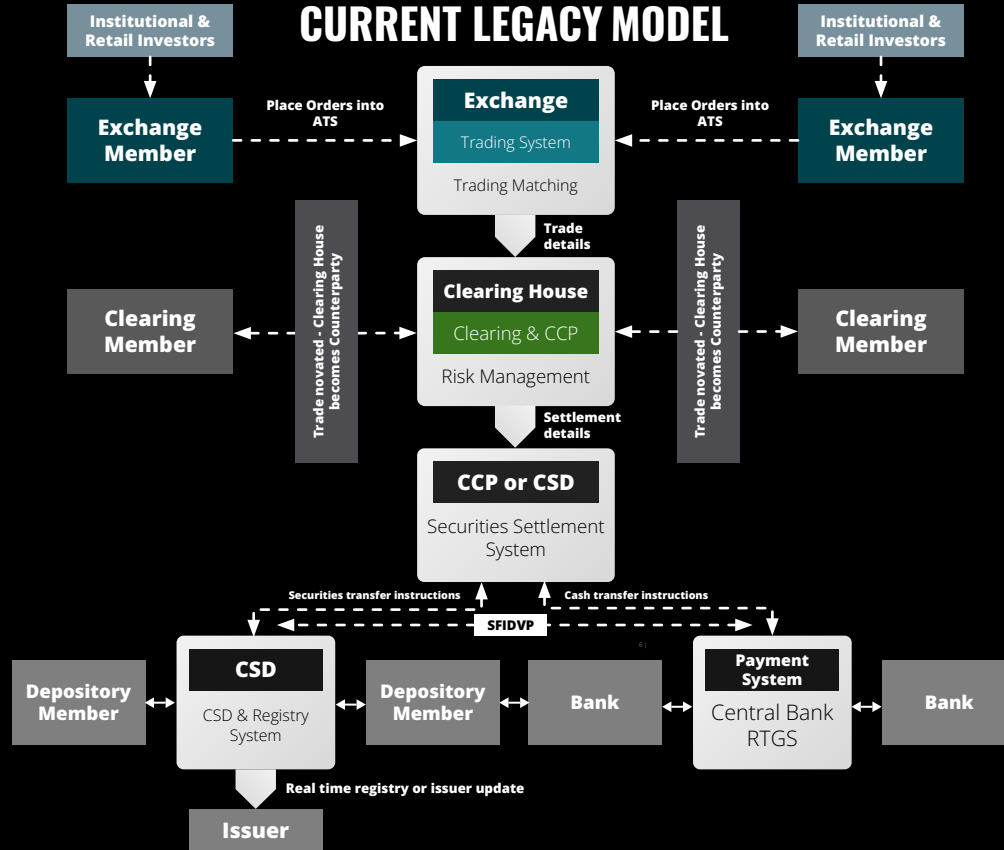
**OECD:** January 2021 the OECD issued a report on the Regulatory Approaches to the Tokenisation of Assets to provide conceptual clarity on asset tokenisation and the approaches that policymakers are adopting vis-à-vis this nascent market.

**UK Government:** July 2023 published a Consultation on the first Financial Market Infrastructure Sandbox to support the innovation of markets and the use of digital assets which has the potential to be transformative for financial markets.

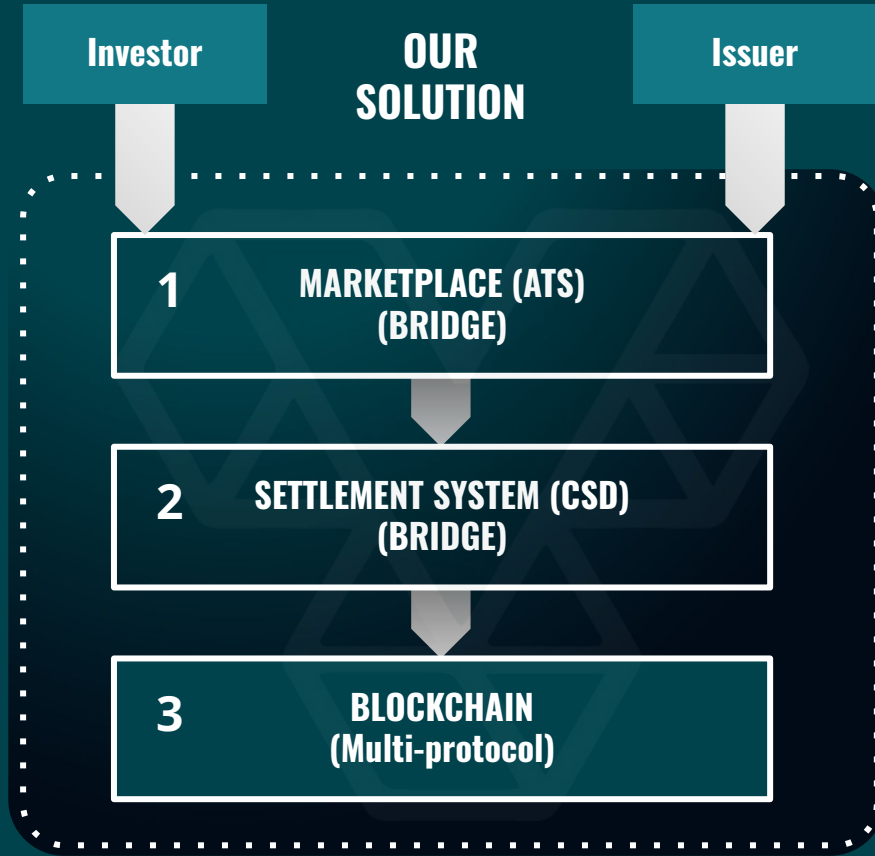
## GOVERNMENT ADOPTION SET TO BE THE GAME CHANGER



# PUBLIC MARKETS: PROBLEM



- ✗ Too many intermediaries
- ✗ Capital intensive
- ✗ Multiple counterparty risk
- ✗ Multiple failed trades
- ✗ Public markets only
- ✗ Complicated and inefficient
- ✗ Not integrated
- ✗ No end-to-end reconciliation
- ✗ Expensive
- ✗ Slow (T+2)



+PLUS automated compliance and global interoperability

- ✓ Simple and efficient
- ✓ Fully integrated
- ✓ End-to-end reconciliations
- ✓ Low cost
- ✓ Fast (T-Instant)
- ✓ Limited intermediaries
- ✓ No clearing deposit
- ✓ Pre-funded model
- ✓ No counterparty risk
- ✓ No failed trades

# PUBLIC MARKETS **OPPORTUNITY**



**THE TOTAL VALUE OF GLOBAL EQUITY TRADING WORLDWIDE WAS \$41 TRILLION IN THE THIRD QUARTER OF 2021\***

## Addressable Market

- As of August 2022, the combined average monthly turnover of the three main U.S. equities market operators - the New York Stock Exchange (NYSE), the Nasdaq, and Chicago Board Options Exchange (CBOE) Global Markets - amounted to \$6.9 trillion\*\*
- Average daily number of trades on London Stock Exchange was 1,159,000 in March 2022. Over 1,900 companies currently trade on the LSE\*\*
- The total turnover for equities traded on Euronext stock exchange on the secondary market in 2007 amounted to almost 3.6 trillion euros. As of 2022 the total turnover of shares reached almost 2.2 trillion euros\*\*

## Tokenisation has the potential to revolutionise public markets, and in particular, equity trading markets

- “There are three main benefits that tokenisation could bring securities markets: lower costs, lower risks and wider access.” (Financial Times, July 2023)
- “Blockchain technology demonstrates potential for financial infrastructures to move toward real-time settlement, continuous operations, improved resilience and global reach.” (KPMG, 2023)
- “Tokens are particularly good at bi-directional transactions that can be atomic...implying there are no open positions in trading and no counterparty and settlement risks. Transactions can be performed instantly and transacting parties are never short in liquidity as they either hold cash or a security...recalibrating the very meaning of liquidity.” (Ousmène Jacques Mandeng at London School of Economics, October 2022)

\*World Federation of Exchanges (WFE)

\*\* ICMA



# REAL WORLD ASSETS OPPORTUNITY



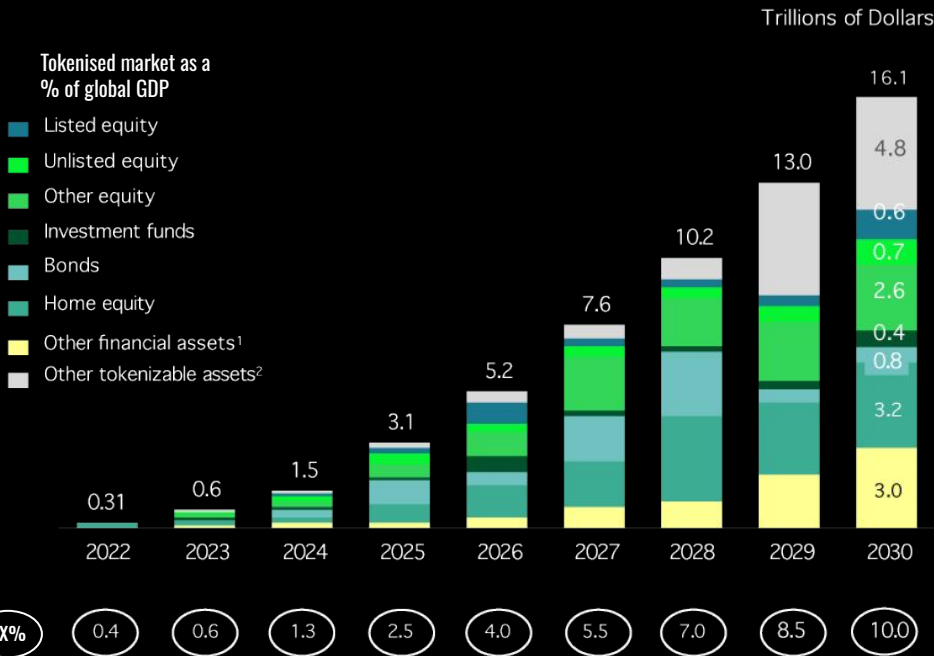
## TOKENISATION OF GLOBAL ILLIQUID ASSETS TO BE A \$16 TRILLION BUSINESS OPPORTUNITY BY 2030

### Boston Consulting Group (2022)

- *Tokenization of global illiquid assets estimated to be a \$16 trillion business opportunity by 2030*
- *Tokenization potential of \$68 trillion by 2030 in best-case scenario*
- *Tokenized asset potential differs across countries due to variation in maturity of regulations and size of asset classes*
- *Total tokenized market to be 10% of global GDP by 2030*

### Citi Global (2023)

*“Anything of value can be tokenized and tokenization of financial and real-world assets could be the “killer use-case” blockchain needs to drive a breakthrough. We forecast...\$1 trillion of distributed ledger technology (DLT)-based trade finance volumes by 2030.”*



Source: World Economic Forum – Global Agenda Council, BCG Analysis

1: For example, Insurance policies, Pensions, Alternative Investments; 2: For example, Infrastructure Projects, Car Fleets, Patents

Note: The analysis does not include crypto assets

# REAL WORLD ASSETS OPPORTUNITY



## PROBLEM

- Many assets are **not serviced by any market** and as a result are **illiquid**
- Issuers of those assets have **limited access** to investor capital
- Asset holders are **not able to unlock the value** they hold
- Investors are not able to gain **access to those investment opportunities**

*“Tokenization has the power to revolutionize the financial landscape...allowing every person and organization in the world to diversify their portfolio of investments on a global scale, regardless of income or size.”* BNY Mellon, September 2022

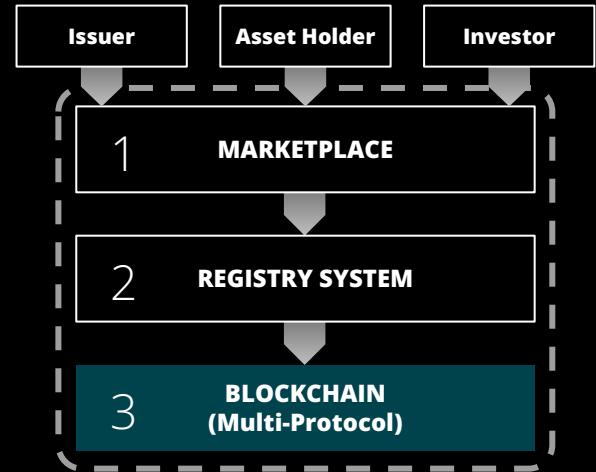
## ROOT CAUSES

- Wide range of unserved assets
- Limited affordability
- Inability to fractionalise
- Lack of information
- Limited access
- Regulatory hurdles
- Complex user journeys
- Lack of solutions to unlock liquidity

## SOLUTION - TOKENISATION

- All illiquid assets can be serviced
- Affordability via fractionalisation
- Transparency and price discovery
- Enhanced accessibility for investors
- Immutable record keeping for reporting
- Streamlined transaction efficiency
- Liquidity unlocked for issuers and asset holders

## THE VLRM BRIDGE SOLUTION

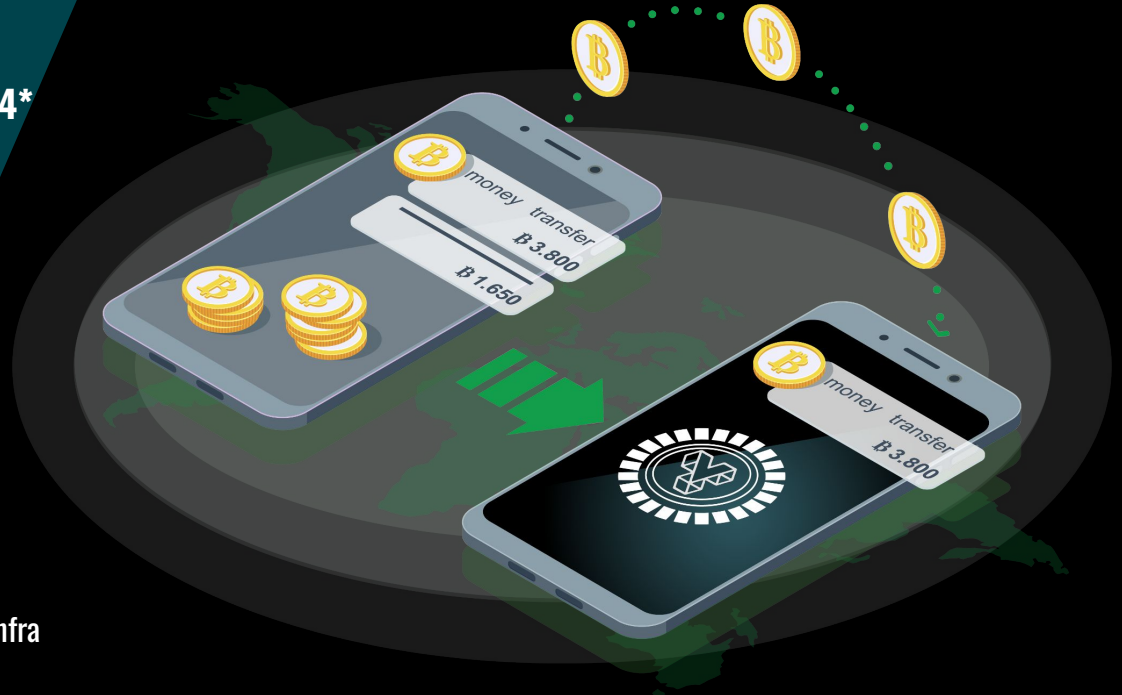


# THE VALEREUM WALLET



VLRM Markets will launch the 'V Wallet' in 2024\*

- Mobile phone app
- Can hold any form of digital asset supported by Fireblocks
- Links straight to VLRM marketplaces
- Links straight to GATE token staking and voting
- Links to multiple crypto exchanges and protocols
- Will link with e-money vendors for fiat enabling
- Fast to market strategy - whitelabel existing wallet infra



\*target

**THANK YOU**  
VLRM.COM



investorrelations@vlrm.com



*Additional information available on request*

**2024**

UNLOCKING CAPITAL  
CREATING VALUE